

OIPE

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/648,183

DATE: 09/13/2000  
TIME: 18:24:30

Input Set : A:\P2533C1.txt  
Output Set: N:\CRF3\09132000\I648183.raw

ENTERED

3 <110> APPLICANT: Botstein, David  
4 Goddard, Audrey  
5 Lawrence, David A.  
6 Pennica, Diane  
7 Roy, Margaret A.  
8 Wood, William I.  
10 <120> TITLE OF INVENTION: Cardiotrophin-1 Compositions and Methods for the  
11 Treatment of Tumor  
13 <130> FILE REFERENCE: P2533C1  
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15 <141> CURRENT FILING DATE: 2000-08-25  
17 <150> PRIOR APPLICATION NUMBER: US 09/234,730  
18 <151> PRIOR FILING DATE: 1999-01-21  
20 <150> PRIOR APPLICATION NUMBER: US '09/033,114  
21 <151> PRIOR FILING DATE: 1998-03-02  
23 <150> PRIOR APPLICATION NUMBER: US 08/733,850  
24 <151> PRIOR FILING DATE: 1996-10-18  
26 <150> PRIOR APPLICATION NUMBER: US 08/443,129  
27 <151> PRIOR FILING DATE: 1995-05-17  
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30 <151> PRIOR FILING DATE: 1994-08-05  
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33 <151> PRIOR FILING DATE: 1994-04-25  
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36 <151> PRIOR FILING DATE: 1998-12-22  
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82 agctgggaact acaggcacgc gccaccacag ccggctaatt ttttatttaa 950
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94 ctcccccttt acccagctct tgggggtgtc ctgttttttc catccccact 1250
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102 ctccgcatct cagccacctt cctcaggctc actccacctt catccccagt 1450
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118 aggtggagtg agcctgagga aggtggctga gatcgggagt agccttcccc 150
120 ccataggacc agcaggcacg cccctggcca gggaagcaca gagagacggc 200
122 cagatgggga caaggagaga aggtgtcacc tccttgagat aaggctgaga 250
124 tgtacacatg tgtaccaca gggccacgag aaggcaggaa gtggggatgg 300
126 aaaaaacaga gacaccccaa gagctgggta aagggggagg ccaaaaggaa 350
128 ctgagggcagg cccaaggaa gaggagagagc aagaaaatgg tagactcaga 400
130 cggagtattc atgcagacga ggaggggtcca agagttaaga gaacggggca 450
132 ggcaaaagcaa agagaggctg ggaagtggtc tcacgcctgc aatcccagca 500
134 cttagggagg ctgaagcggg aggatcgctt gagccccgga gttcaagacc 550
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150 ctcaggccga gcccccgggc agcagctggc ccaggtcgcc ctcggtgcgg 950
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166 ggccacccgc agccgcggcg gcgagaagct gggcagcccg aagggtctc 1350
168 cctggagctg cacatatcc tggagcagct gctcagcgta tttggtgagg 1400
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174 ggctcatgct ggcctctggc tgatcccggc tcccttcac 1539
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186 20 25 30
188 His Ser Leu Ala His Leu Leu Thr Lys Tyr Ala Glu Gln Leu Leu
189 35 40 45
191 Gln Glu Tyr Val Gln Leu Gln Gly Asp Pro Phe Gly Leu Pro Ser
192 50 55 60
194 Phe Ser Pro Pro Arg Leu Pro Val Ala Gly Leu Ser Ala Pro Ala
195 65 70 75
197 Pro Ser His Ala Gly Leu Pro Val His Glu Arg Leu Arg Leu Asp
198 80 85 90
200 Ala Ala Ala Leu Ala Ala Leu Pro Pro Leu Leu Asp Ala Val Cys
201 95 100 105
203 Arg Arg Gln Ala Glu Leu Asn Pro Arg Ala Pro Arg Leu Leu Arg
204 110 115 120
206 Arg Leu Glu Asp Ala Ala Arg Gln Ala Arg Ala Leu Gly Ala Ala
207 125 130 135
209 Val Glu Ala Leu Leu Ala Ala Leu Gly Ala Ala Asn Arg Gly Pro
210 140 145 150
212 Arg Ala Glu Pro Pro Ala Ala Thr Ala Ser Ala Ala Ser Ala Thr
213 155 160 165
215 Gly Val Phe Pro Ala Lys Val Leu Gly Leu Arg Val Cys Gly Leu
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VERIFICATION SUMMARY  
PATENT APPLICATION: US/09/648,183

DATE: 09/13/2000  
TIME: 18:24:31

Input Set : A:\P2533C1.txt  
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